

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 627 827 B (CELT CENTRO STUDI LAB TELECOM ; PHILIPS ELECTRONICS NV (NL)) 31 October 2001 (2001-10-31) paragraphs '0007!', '0012!', '0017!', '0020!' - '0025!', '0032!', '0041!; claims 23,25 -----	1-30
X	WO 02/41531 A (QUALCOMM INC) 23 May 2002 (2002-05-23) abstract page 2, line 12.- page 3, line 16 page 4, lines 6-13 page 8, line 18 - page 11, line 25 -----	1-30
A	US 6 046 980 A (PACKER ROBERT L) 4 April 2000 (2000-04-04) column 3, lines 1-11 ----- -/--	1-30

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

27 September 2004

Date of mailing of the international search report

04/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Englund, T

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US2004/004668

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 134 218 A (HOLDEN BRIAN D) 17 October 2000 (2000-10-17) column 1, lines 11-35 column 2, lines 25-28 column 3, lines 50-55 columns 5-6 column 9, lines 29-60 -----	1-30

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/US2004/004668

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0627827	B	07-12-1994	IT	1270938 B	16-05-1997
			AT	208104 T	15-11-2001
			DE	69428831 D1	06-12-2001
			DE	69428831 T2	18-04-2002
			EP	0627827 A2	07-12-1994
			ES	2166766 T3	01-05-2002
			FI	942253 A	15-11-1994
			JP	2641030 B2	13-08-1997
			JP	7143572 A	02-06-1995
			US	5490136 A	06-02-1996
<hr/>					
WO 0241531	A	23-05-2002	AU	2580802 A	27-05-2002
			BR	0115345 A	03-02-2004
			CA	2429186 A1	23-05-2002
			CN	1475055 T	11-02-2004
			EP	1334575 A2	13-08-2003
			JP	2004514372 T	13-05-2004
			WO	0241531 A2	23-05-2002
<hr/>					
US 6046980	A	04-04-2000	US	6285658 B1	04-09-2001
			AU	5596798 A	03-07-1998
			WO	9826510 A2	18-06-1998
<hr/>					
US 6134218	A	17-10-2000	US	6151301 A	21-11-2000
			US	5583861 A	10-12-1996
			CA	2271883 A1	18-06-1998
			WO	9826628 A1	18-06-1998
			CA	2188882 A1	09-11-1995
			EP	0761055 A1	12-03-1997
			JP	9512683 T	16-12-1997
			WO	9530294 A1	09-11-1995
			US	5570348 A	29-10-1996
			US	5557607 A	17-09-1996
			CA	2273208 A1	18-06-1998
			CA	2281691 A1	14-05-1998
			US	6226298 B1	01-05-2001
			WO	9820652 A1	14-05-1998
			WO	9826539 A2	18-06-1998
			US	6396809 B1	28-05-2002
			US	6445705 B1	03-09-2002
			US	6724779 B1	20-04-2004
			US	6345050 B1	05-02-2002
			US	6449274 B1	10-09-2002
			US	6188690 B1	13-02-2001
<hr/>					